

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	("5378955") or ("4912314")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/21 13:48
L2	4	("4912314").URPN.	USPAT	OR	OFF	2006/12/21 13:50
L3	3	boule and hollow and glass and tube and non near etch\$5	USPAT	OR	ON	2006/12/21 13:50
L4	6	boule and hollow and glass and tube and non near etch\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 15:04
L5	7	("5108961").URPN.	USPAT	OR	OFF	2006/12/21 13:51
L6	0	("6300709").URPN.	USPAT	OR	OFF	2006/12/21 13:51
L7	0	("6300709").URPN.	USPAT	OR	OFF	2006/12/21 13:51
L8	5	("4385127"   "4460696"   "4526874"   "4980318"   "5015909").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/21 13:52
L9	92	hollow and glass and tube and non near etch\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 14:13
L10	19	("2872721"   "3240931"   "3678328"   "3879626"   "3979621"   "4005323").PN. OR ("4126804").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/21 13:59
L11	46	("3128408"   "3240931"   "3407324"   "3449582").PN. OR ("3979621").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/21 14:04

## EAST Search History

L12	34	("3424909"   "3900305"   "3979621"   "3990874"   "4091305"   "4183125"   "4451759"   "4705205"   "4923421"   "4940916"   "5070282"   "5136764"   "5151061"   "5205770"   "5229691"   "5232549"   "5324602"   "5329207"   "5342477"   "5342737"   "5347292"   "5371433"   "5374868"   "5391259"   "5413513"   "5445550"   "5448131"   "5449970"   "5486126"   "5532548"   "5561343"   "5795206").PN. OR ("6183329").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/21 14:07
L13	38	("3979621").URPN.	USPAT	OR	OFF	2006/12/21 14:07
L14	40	("3990874").URPN.	USPAT	OR	OFF	2006/12/21 14:10
L15	10065	hollow and glass and tube.ti,ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 14:14
L16	2841	(hollow and glass and tube).ti,ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 14:18
L17	58	16 and "385"/\$3.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 14:14
L18	17	("3740112").URPN.	USPAT	OR	OFF	2006/12/21 14:16
L19	1000	(hollow).ti,ab. and "385"/\$3.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 14:18
L20	60	(hollow near tube).ti,ab. and "385"/\$3.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 14:18
L21	154	(hollow with tube).ti,ab. and "385"/\$3.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 14:18
L22	153	21 not 18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 14:22

## EAST Search History

L23	511	tube with holding with optical near fiber	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 14:28
L24	84326	tube with inner with surface	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 14:29
L25	105233	tube with glass	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 14:23
L26	29	23 and 24 and 25	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 14:28
L27	18508	tube with optical near fiber	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 14:28
L28	796	27 and 24 and 25	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 14:29
L29	545	tube with inner with planar with surface	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 14:29
L30	5	27 and 29 and 25	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 14:32
L31	299	(65/409).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/21 14:32
L32	15	("4932740").URPN.	USPAT	OR	OFF	2006/12/21 14:38
L33	9	("5017206").URPN.	USPAT	OR	OFF	2006/12/21 14:45
L34	12	("2311704"   "3563716"   "3677730"   "3805735"   "4388800"   "4551162"   "4682849"   "5017206"   "5185020").PN. OR ("5372625"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/21 14:54

## EAST Search History

L35	0	(250/207not31).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/21 14:55
L36	1185	(250/207).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/21 14:55
L37	1184	36 not 31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/21 14:55
L38	1	37 and 29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/21 14:56
L39	210	65/410.ccls. not 31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/21 14:56
L40	6	("3567549").URPN.	USPAT	OR	OFF	2006/12/21 14:57
L41	9	("3291870").URPN.	USPAT	OR	OFF	2006/12/21 14:58
L42	425	glass and tube and non near etch\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 15:04
L43	397926	optic\$3 near3 fiber	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 15:04
L44	118	42 and 43	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 15:16

## EAST Search History

L45	2	("4912314").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/21 15:16
S1	684	(385/120).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/25 07:19
S2	2	("20050000249").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/25 07:41
S3	18	non near etchable near glass	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/25 07:41
S4	9684	hollow near glass	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 09:09
S5	4	S3 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/25 07:42
S6	19	("2872721"   "3240931"   "3678328"   "3879626"   "3979621"   "4005323").PN. OR ("4126804").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/25 07:48
S7	38	("3979621").URPN.	USPAT	OR	OFF	2006/06/25 07:55
S8	2	("4912314").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/21 13:48